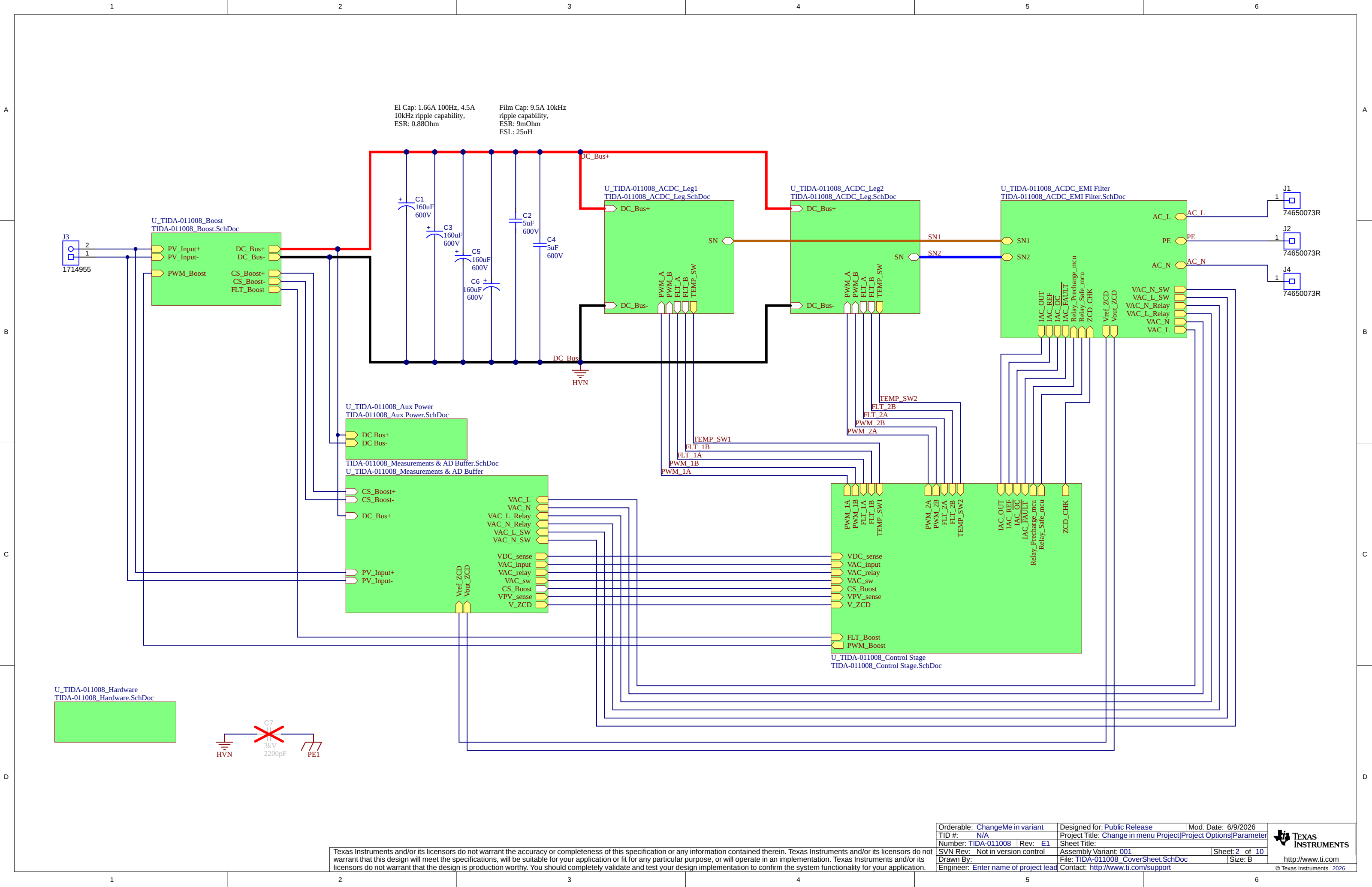




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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 2 of 10
Drawn By:	File: TIDA-011008_CoverSheet_SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



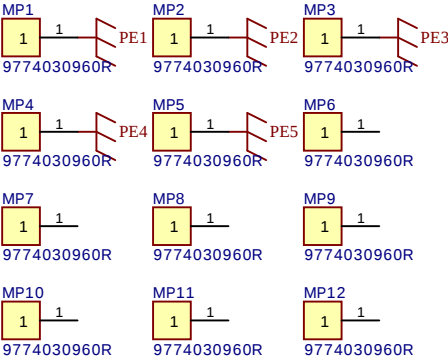
PCB Number: TIDA-011008
PCB Rev: E1

PCB
LOGO
Texas Instruments



PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo

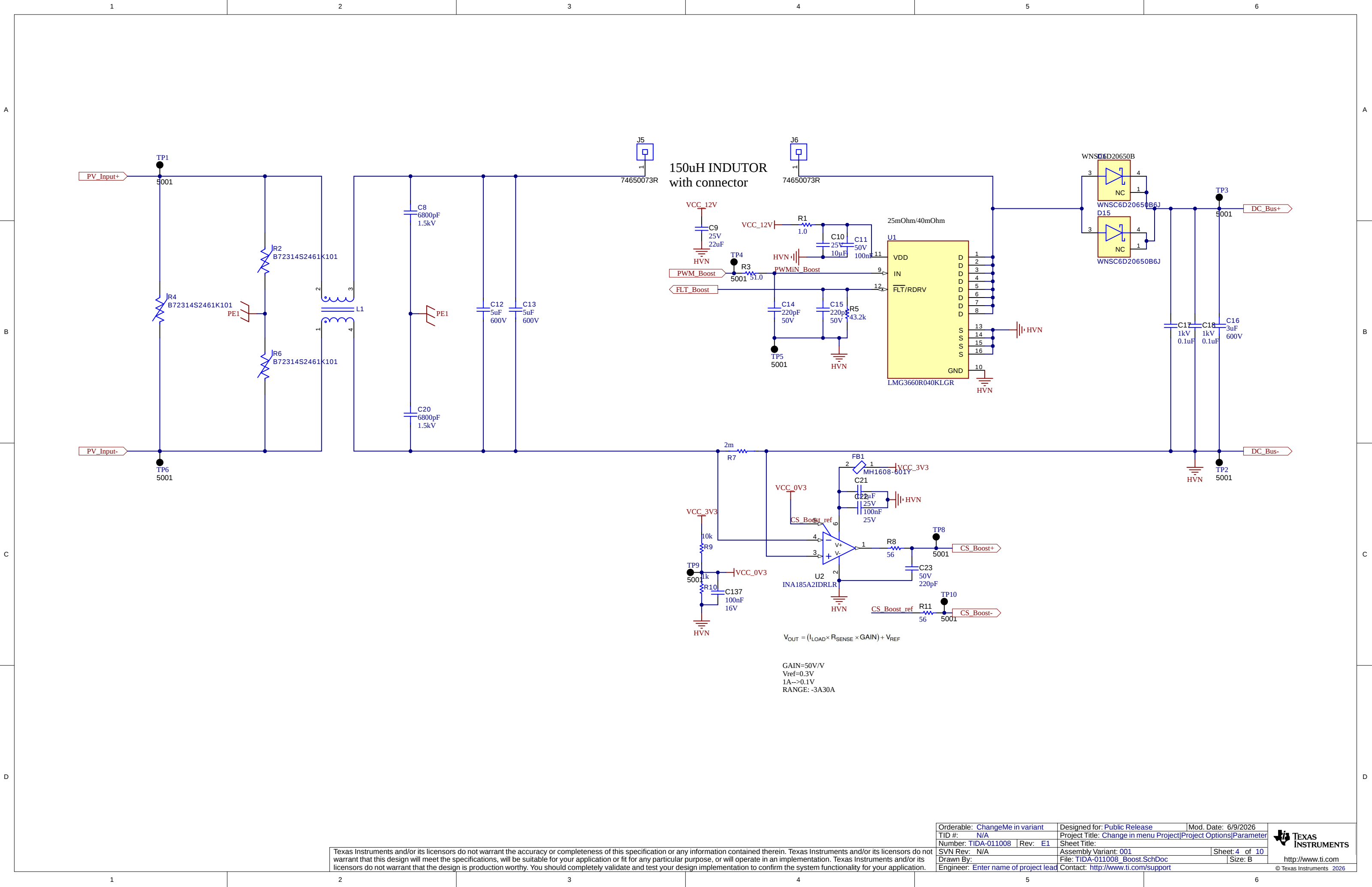


LBL1
PCB Label
THT-14-423-10
Size: 0.65" x 0.20 "

Variant/Label Table	
Variant	Label Text
001	ChangeMe!
002	ChangeMe!

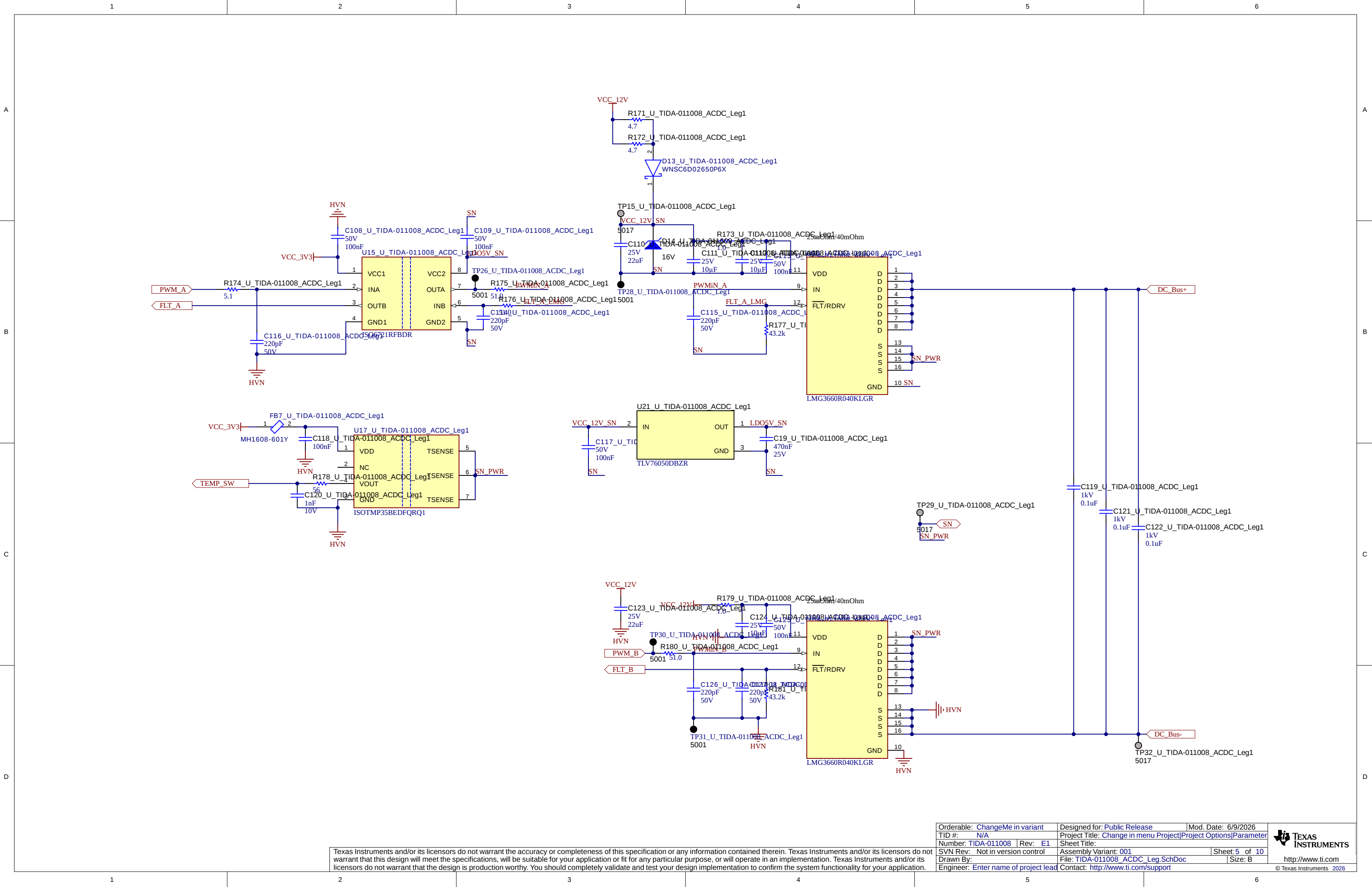
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 2/24/2026
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Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 3 of 10
Drawn By:	File: TIDA-011008_Hardware.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



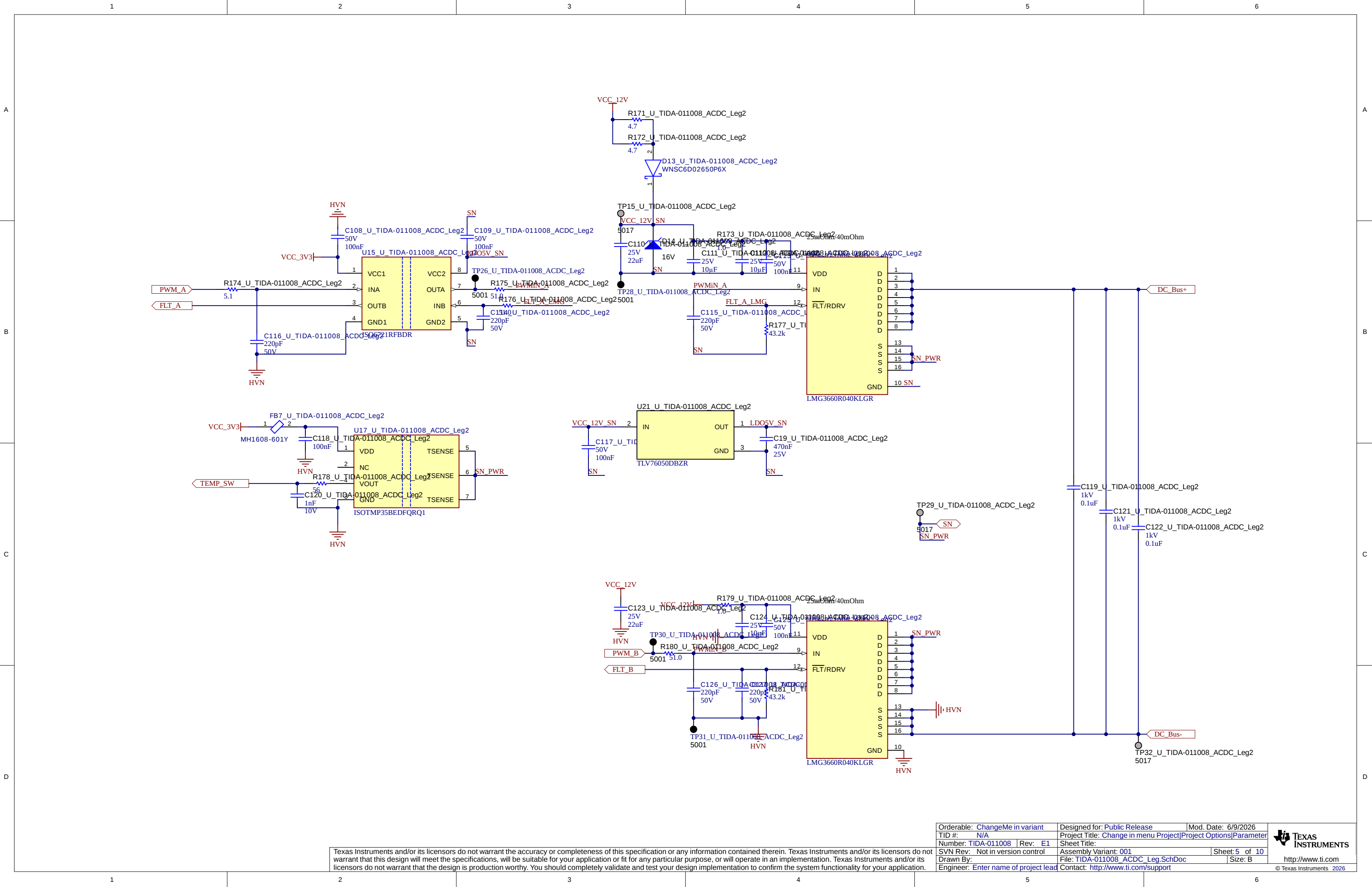
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options: Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: N/A	Assembly Variant: 001	Sheet: 4 of 10
Drawn By:	File: TIDA-011008_Boost.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



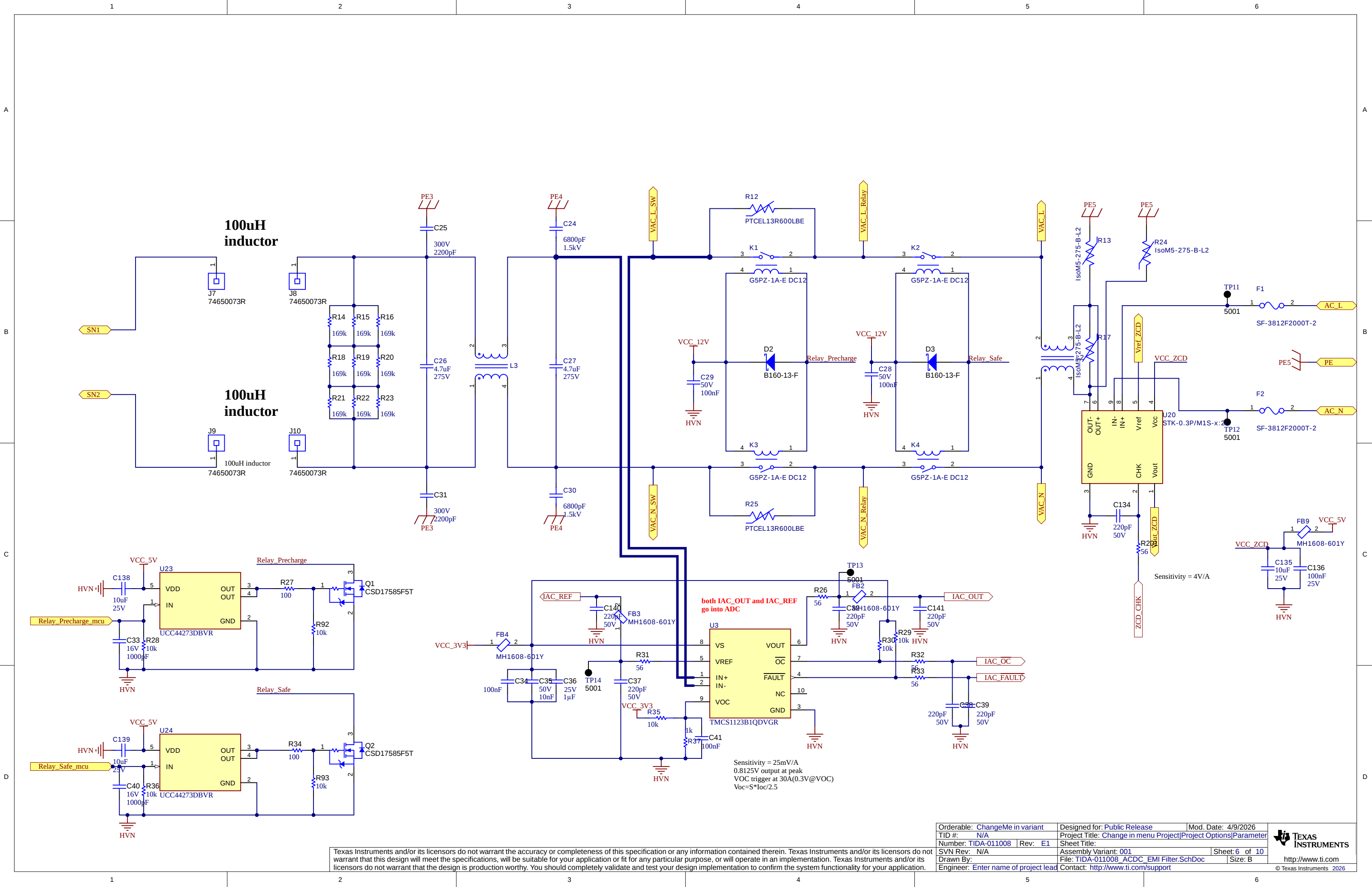
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 5 of 10
Drawn By:	File: TIDA-011008_ACDC_Leg1.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



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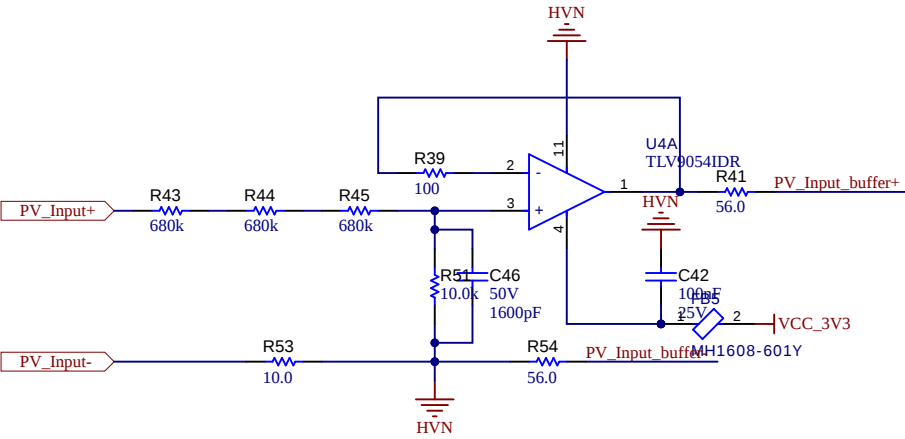
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SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 5 of 10
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Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



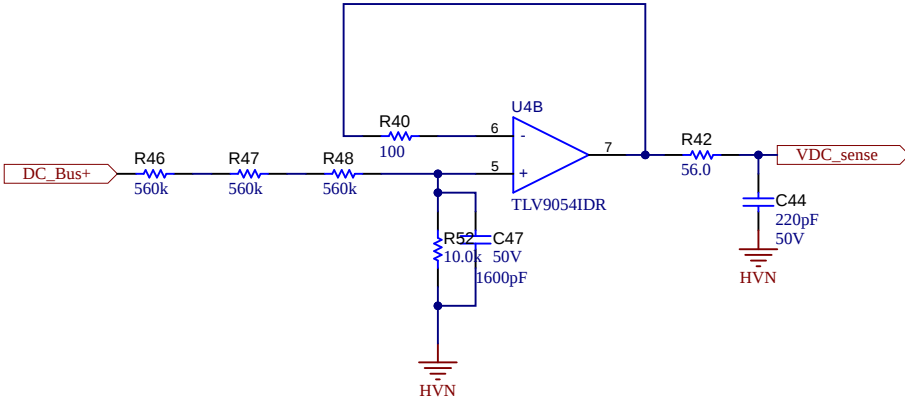
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 4/9/2026
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Number: TIDA-011008	Rev: E1	Sheet Title: Assembly Variant: 001
SVN Rev: N/A	File: TIDA-011008_ACDC_EMI Filter.SchDoc	Sheet: 6 of 10
Drawn By: N/A	Size: B	
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	

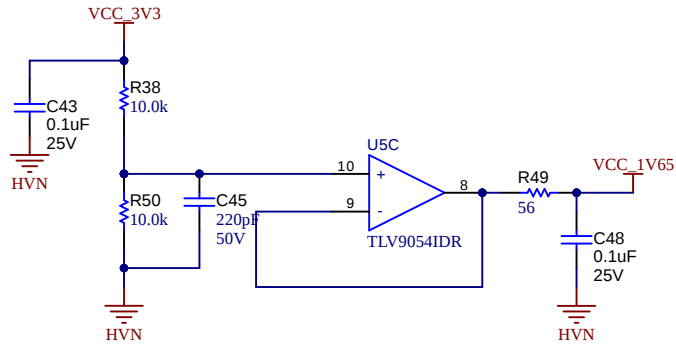
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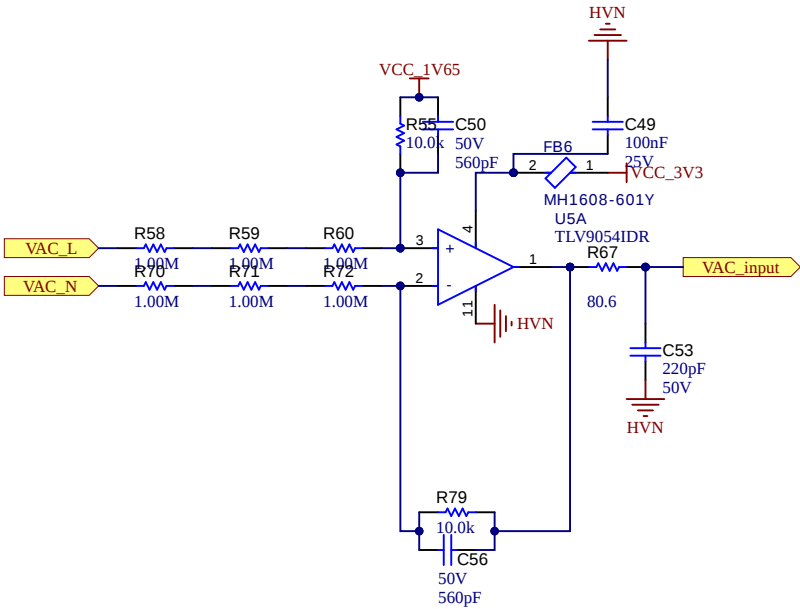
DC Link Voltage sensing



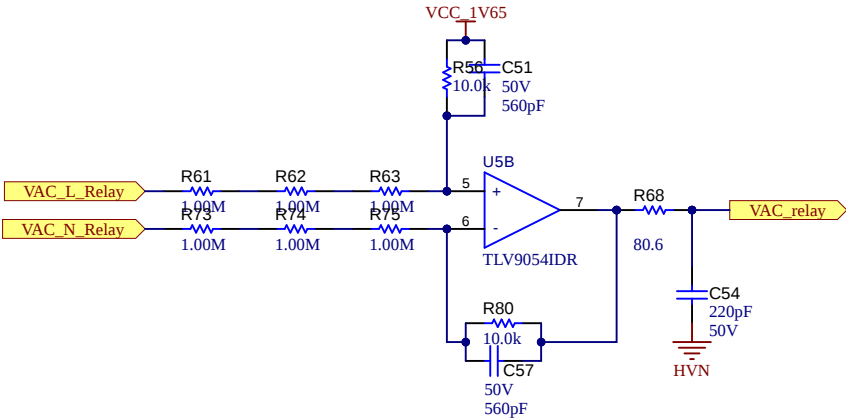
1.65V generation



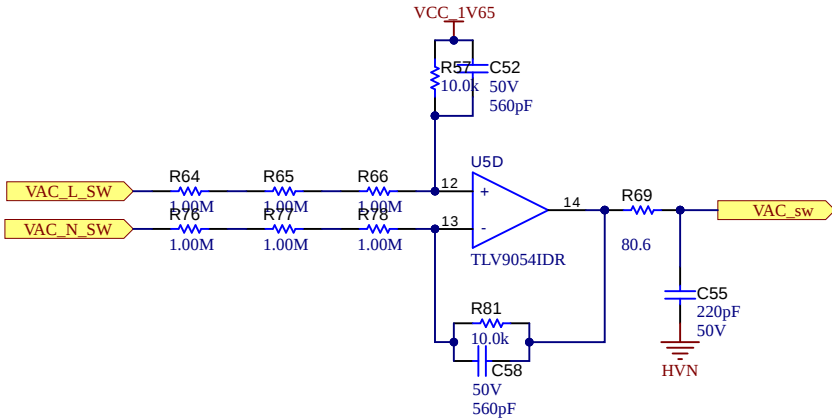
AC INPUT VOLTAGE SENSING



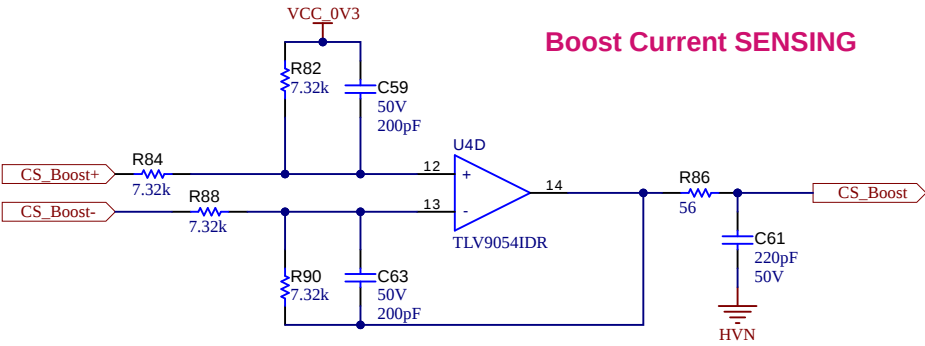
Relay Middle VOLTAGE SENSING



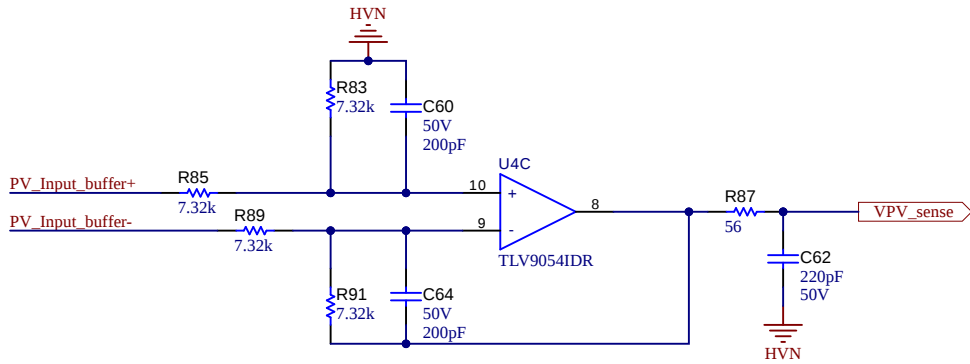
Switching Node VOLTAGE SENSING



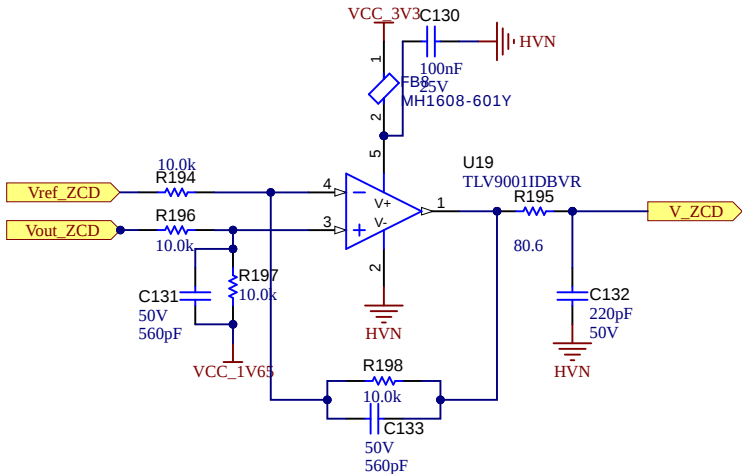
Boost Current SENSING



PV Voltage SENSING



ZCD Current Sensing



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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Parameter: Project Options
Number: TIDA-011008	Rev: E1	Sheet Title: Assembly Variant: 001
SVN Rev: Not in version control	File: TIDA-011008_Measurements & AD Buffer.Sch	Size: B
Drawn By: Enter name of project lead	Contact: http://www.ti.com/support	

1

2

3

4

5

6

A

A

B

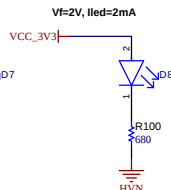
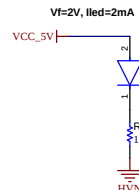
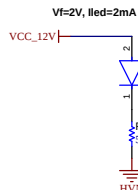
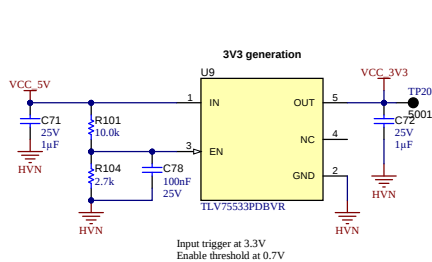
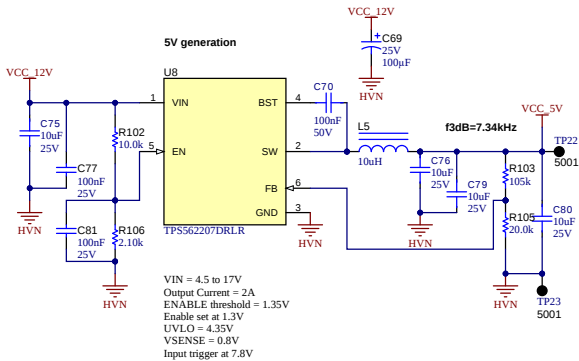
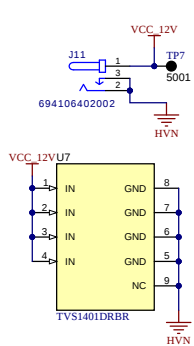
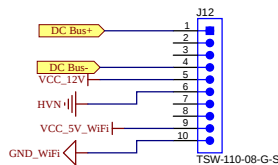
B

C

C

D

D



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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/8/2026
TID #: N/A	Project Title: Change in menu Project	Project OptionsParameters
Number: TIDA-011008	Rev: E1	Sheet Title
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 8 of 10
Drawn By:	File: TIDA-011008_Aux Power_SchDoc	Size: C
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	http://www.ti.com



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